

**P-24186 USA****-18-****PATENT****ABSTRACT**

A stable, phase-pure magnesium-substituted crystalline hydroxyapatite containing from about 2.0 to about 29 wt% magnesium, wherein at least 75 wt% of the magnesium content is substituted for calcium ions in the hydroxyapatite lattice structure.

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P-24186 USA

5